

Small Ruminant Research Priorities and Views

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Perspective



- Times change and priorities change
- The last stakeholder meeting in 2005
 - How have your priorities changed since then?
 - How has USDA changed since then?
 - How has economic influences changed since then?

Perspectives



- Current meeting is to set priorities for 2012-2017
- Money to be used into 2018 or beyond
 - Do you know what the industry will look like in 2017?
 - Do you think we will be facing new challenges by then?

Perspectives



- My personal perspective
 - Encourage USDA to consider broad priority areas that are flexible to accommodate changing priorities and needs in animal health
 - Allow funding decisions to be made based on scientific merit and current needs as opposed to specific priorities set way in advance

Possibilities



- Emerging threats to animal health
- Economically important animal health processes
- Food Safety and Zoonotic Diseases
- Animal well-being to promote animal health

Possibilities



- Need broad areas that allow for many aspects of animal health
- Toxicologic issues (none infectious disease)
- Animal wildlife interface and changes
- Changes in disease significance
- Changes in drug availability or usage

Advantages



- More flexibility to fund the most relevant best science
- Easier to justify how these broad priorities fulfill the five USDA priorities
- Less biased by the “favorite” or “hot” disease de jour

Specifics



- This does not mean that we ignore specific priority areas
- These may be given as examples of important areas that fall under the broad categories
 - Should not be limited to these specifics
- Help provide some real life examples of meeting the 5 USDA priorities

Small Ruminant Needs



- Specific diseases outlined by producer and industry groups
- NAHMS needs assessments
- MUMS

Sheep Industry

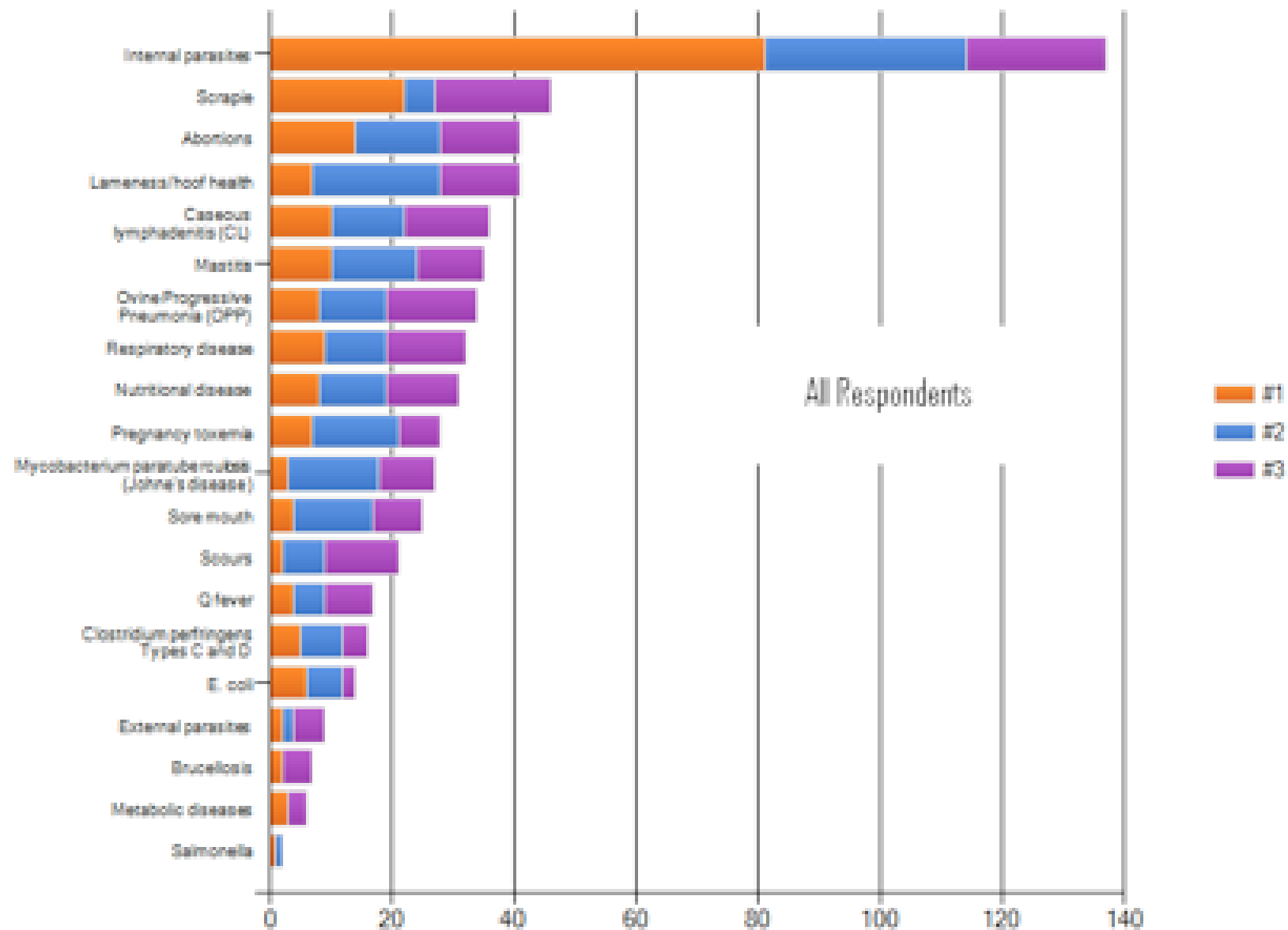


- Wildlife - sheep interface
- Scrapie
- OPP
- Diagnostics for Q-fever
- *B. ovis*
- Ovine Johne's
- Parasite Resistance

Sheep Needs Assessment



Diseases, disorders, or pathogens for specific focus. (Rank your top three.)



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Goat Need Assessment



Salmonella	10	0.3
Other	14	0.4
Others	23	0.7
Brucellosis	35	1.1
White muscle	46	1.5
Scrapie	59	1.9
E. coli	60	1.9
Soremouth	62	2.0
Cystic Ovary	64	2.0
Metabolic Disease	79	2.5
Clostridium perf, D	100	3.2
Scours	112	3.5
Pregnancy toxemia	125	3.9
Lameness, Hoof Health	126	4.0
Johne's	178	5.6
Respiratory Dz	194	6.1
Mastitis	227	7.2
Nutritional	260	8.2
CAE	375	11.8
CL	499	15.8
Ext/Int Parasites	518	16.4

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Minor Use Animal Drug



- USDA Animal Health should promote
- Has functions both for minor species and for minor use in major species